

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,050,343 B2  
APPLICATION NO. : 10/789443  
DATED : May 23, 2006  
INVENTOR(S) : Promod Kumar et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, Line 67	Delete: "failures" Insert: -- failure --
Column 2, Line 32	Delete: "to the" Insert: -- on the --
Column 4, Line 59	Delete: "relatives" Insert: -- relative --
Column 4, Line 62	Delete: "register" Insert: -- registers --
Column 4, Lines 66-67	Delete: "in which preserve" Insert: -- which preserves --
Column 5, Line 50	Delete: "at the time" Insert: -- at a time --
Column 7, Line 14	Delete: "contains" Insert: -- contained --
Column 7, Line 16	Delete: "occurs" Insert: -- occurred --
Column 7, Line 44	Delete: "of the all" Insert: -- of all --
Column 7, Line 55	Delete: "are" Insert: -- is --
Column 7, Line 62	Delete: "identify" Insert: -- identifying --
Column 8, Line 12	Delete: "occupy" Insert: -- occupying --

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Column 8, Line 21	Delete: "two side" Insert: -- two sides --
Column 9, Line 18	Delete: "to the" Insert: -- than the --
Column 9, Line 39	Delete: "column" Insert: -- columns --
Column 10, Line 14	Delete: "erase" Insert: -- Erase --
Column 10, Line 15	Delete: "read" Insert: -- Read --
Column 10, Line 20	Delete: "setting" Insert: -- set --
Column 11, Line 13	Delete: "at beginning" Insert: -- at the beginning --
Column 11, Line 15	Delete "electronic" Insert: -- Electronic --
Column 11, Line 22	Delete: "at the time" Insert: -- at a time --
Column 11, Lines 33-34	Delete: "parametric measurement" Insert: -- Parametric Measurement --
Column 12, Line 34	Delete: "erase the step" Insert: -- the erase step --
Column 12, Line 60	Delete: "perform" Insert: -- performs --
Column 13, Line 18	Delete: "correspond" Insert: -- corresponds --

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Column 13, Line 22	Delete: "catch" Insert: -- Cache --
Column 13, Line 64	Delete: "vgmin/vgmax" Insert: --Vgmin/Vgmax--
Column 14, Line 2	Delete: "vgmax/vgmin" Insert: -- Vgmax/Vgmin --
Column 14, Line 26	Delete: "vgmax/vgmin" Insert: -- Vgmax/Vgmin --
Column 14, Line 28	Delete: "vgmax/vgmin" Insert: -- Vgmax/Vgmin --
Column 14, Line 30	Delete: "for vgmax" Insert -- for Vgmax --
Column 14, Line 31	Delete: "for vgmin" Insert: --for Vgmin --
Column 14, Line 45	Delete: "vgmax or vgmin" Insert: -- <del>vgmax</del> or Vgmin --
Column 14, Lines 65 and 66	Delete: "vgmax" Insert: -- Vgmax -- Delete: "vgmin" Insert: -- Vgmin --
Column 15, Line 16	Delete: "all0/all1" Insert: -- All0/All1 --
Column 16, Line (second column)	Delete: "standard" Insert: -- invention --
Column 16, Line 26	Delete: "ck, ckn, all0/all1" Insert: -- CK, CKN, All0/All1 --
Column 16, Line 28	Delete: "ckn" Insert: -- CKN --

(lowercase L)

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Column 16, Lines 29 and 30  
Delete: "ck"  
Insert: -- CK --

Column 16, Line 33  
Delete: "Ck/Ckn"  
Insert: -- CK/CKN --

Column 16, Line 42  
Delete: "all0/all1"  
Insert: -- All0/A11 --

Column 16, Line 60  
Delete: "both"  
Insert: -- by--

Column 17, Line 13  
Delete: "numerosity"  
Insert: -- number--

Column 17, Line 23  
Delete: "an built-in"  
Insert: -- a built-in --

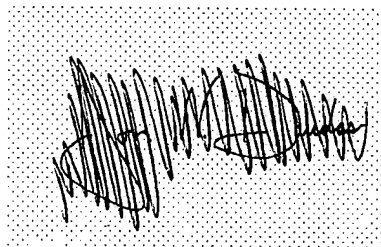
Column 17, Line 42  
Delete: "of the time"  
Insert: -- as the time --

Column 19, Line 47  
Column 20, Line 46  
Delete: "microcontroller"  
Insert: -- micro-controller --

This certificate supersedes certificate of correction  
issued December 5, 2006.

~~MAILED AND SEALED~~

MAILED AND SEALED  
11th Day of December 2006



Promod Kumar  
Director of the United States Patent and Trademark Office